```
                AND POLYBUTADIENE/TI
L117          30 SEA ABB=ON   PLU=ON  L77 OR L99 OR L100 OR L102 OR L104
                OR L105 OR L112 OR L115


=> file reg
FILE 'REGISTRY' ENTERED AT 17:39:30 ON 09 JAN 2006
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=> d que stat l117
L1        13647 SEA FILE=REGISTRY ABB=ON   PLU=ON   74-85-1/CRN
L2         6615 SEA FILE=REGISTRY ABB=ON   PLU=ON   115-07-1/CRN
L3         1117 SEA FILE=REGISTRY ABB=ON   PLU=ON   106-98-9/CRN
L4          199 SEA FILE=REGISTRY ABB=ON   PLU=ON   109-67-1/CRN
L5          744 SEA FILE=REGISTRY ABB=ON   PLU=ON   592-41-6/CRN
L6          118 SEA FILE=REGISTRY ABB=ON   PLU=ON   592-76-7/CRN
L7          636 SEA FILE=REGISTRY ABB=ON   PLU=ON   111-66-0/CRN
L8           32 SEA FILE=REGISTRY ABB=ON   PLU=ON   124-11-8/CRN
L9          341 SEA FILE=REGISTRY ABB=ON   PLU=ON   872-05-9/CRN
L10       18920 SEA FILE=REGISTRY ABB=ON   PLU=ON   L1 OR L2 OR L3 OR L4
                OR L5 OR L6 OR L7 OR L8 OR L9
L11       58281 SEA FILE=REGISTRY ABB=ON   PLU=ON   79-10-7/CRN
L12       44967 SEA FILE=REGISTRY ABB=ON   PLU=ON   79-41-4/CRN
L13       98198 SEA FILE=REGISTRY ABB=ON   PLU=ON   L11 OR L12
L14       24186 SEA FILE=REGISTRY ABB=ON   PLU=ON   108-31-6/CRN
L15          79 SEA FILE=REGISTRY ABB=ON   PLU=ON   L10 AND L13 AND L14
                AND 3-5/NC
L16           STR

HO~~C~~OH      G1=C~~C=G1
 7  @8  9       1   2   3   4




               HO~~CH
                5   @6


VAR G1=CH2/6/8
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   9

STEREO ATTRIBUTES: NONE
L17           SCR 2043
L18       13294 SEA FILE=REGISTRY SSS FUL L16 AND L17
L19      194412 SEA FILE=REGISTRY ABB=ON   PLU=ON  1.30.1/RID
L20          40 SEA FILE=REGISTRY ABB=ON   PLU=ON  L18 AND L19 AND
                108-31-6/CRN
L32         148 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L15
L33          10 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L15/D
L34          26 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L20
L35           2 SEA FILE=HCAPLUS ABB=ON   PLU=ON   L20/D
L70       71782 SEA FILE=REGISTRY ABB=ON   PLU=ON  100-42-5/CRN
```

Ross Shipe   EIC 1700 Remsen 4B31 571/272-6018

```
L71       9211 SEA FILE=REGISTRY ABB=ON   PLU=ON   1321-74-0/CRN
L72          9 SEA FILE=REGISTRY ABB=ON   PLU=ON   L15 AND (L70 OR L71)
L73          1 SEA FILE=REGISTRY ABB=ON   PLU=ON   108-31-6/RN
L74          1 SEA FILE=REGISTRY ABB=ON   PLU=ON   9003-17-2/RN
L75          1 SEA FILE=REGISTRY ABB=ON   PLU=ON   49721-27-9/RN
L76          1 SEA FILE=REGISTRY ABB=ON   PLU=ON   25087-26-7/RN
L77          9 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L72
L78      15797 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L73/D
L79       7197 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L74/D
L80          3 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L75
L81       6120 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L76
L82          1 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L78 AND L79 AND L80 AND
               L81
L90       2185 SEA FILE=HCAPLUS ABB=ON    PLU=ON   HYDROXY? (L) ?TERMIN?
               (L) ?EPOX?
L91      67800 SEA FILE=HCAPLUS ABB=ON    PLU=ON   MALEIC (2A) ANHYDRIDE#
L92         11 SEA FILE=HCAPLUS ABB=ON    PLU=ON   MALEIC (2A) ACID# (2A)
               OCTENE#
L93     293166 SEA FILE=HCAPLUS ABB=ON    PLU=ON   (ACRYLIC OR METHACRYLIC
               OR POLYMETHACRYLIC)
L94     178408 SEA FILE=HCAPLUS ABB=ON    PLU=ON   STAIN## OR SPOT## OR
               BLEMISH## OR SMUDGE##
L99          1 SEA FILE=HCAPLUS ABB=ON    PLU=ON   (L32 OR L33 OR L34 OR
               L35 OR L72 OR L77 OR L80 OR L82) AND 40-?/SC,SX
L100         1 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L90 AND L91 AND L92 AND
               L93
L102         1 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L90 AND L93 AND
               40-?/SC,SX
L103        31 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L90 AND L91 AND L93
L104         2 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L103 AND L94
L105         1 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L90 AND L91 AND L92
L111       101 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L79 (L) L90
L112        12 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L78 (L) L90
L115         9 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L111 AND (HYDROXY?/TI
               OR EPOXY/TI) AND POLYBUTADIENE/TI
L117        30 SEA FILE=HCAPLUS ABB=ON    PLU=ON   L77 OR L99 OR L100 OR
               L102 OR L104 OR L105 OR L112 OR L115
```

```
=> file hcaplus
FILE 'HCAPLUS' ENTERED AT 17:40:01 ON 09 JAN 2006
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```

```
=> d l117 1-30 ibib abs hitstr hitind
```

```
L117 ANSWER 1 OF 30  HCAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:        2005:1049534  HCAPLUS
DOCUMENT NUMBER:         143:307661
TITLE:                   Stain-resist compositions for fibers
                         and textiles, imparting stain
                         resistance to polyamide substrate, and treated
                         fabrics
INVENTOR(S):             Sun, Yanhui
PATENT ASSIGNEE(S):      USA
SOURCE:                  U.S. Pat. Appl. Publ., 8 pp.
                         CODEN: USXXCO
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  1
```